




Interoffice Memo Office of Design Policy & Support

DATE: 8/14/2020

FILE: P.I.# 0008680
Warren County / GDOT District 2 - Tennille
I-20 Frontage Road from East of CR21/Williams Creek Church Rd to
CR185/Cadley Rd - TIA - Phase II

FROM:  R. Christopher Rudd, PE, State Design Policy Engineer

TO: SEE DISTRIBUTION

SUBJECT: APPROVED REVISED CONCEPT REPORT

Attached is the approved Revised Concept Report for the above subject project.

Attachment

Distribution:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3
Albert Shelby, Director of Program Delivery
Carol Comer, Director, Division of Intermodal
Darryl VanMeter, Assistant Director of P3/State Innovative Delivery Administrator
Kim Nesbitt, Program Delivery Administrator
Bobby Hilliard, Program Control Administrator
Radney Simpson, Assistant State Transportation Planning Administrator
Eric Duff, State Environmental Administrator
Bill DuVall, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Erik Rohde, State Project Review Engineer
Monica Flournoy, State Materials Engineer
Patrick Allen, State Utilities Engineer
Eric Conklin, State Transportation Data Administrator
Attn: Systems & Classification Branch
Benny Walden, Statewide Location Bureau Chief
Corbett Reynolds, District Engineer
Todd Price, District Preconstruction Engineer
Jamie Lindsey, District Utilities Manager
Eric Wilkinson, Project Manager
BOARD MEMBER - 10th Congressional District


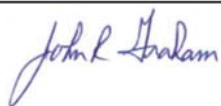
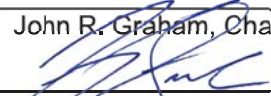



Revised Project Concept Report

Project Type:	New Location	P.I. Number:	0008680
GDOT District:	2	County:	Warren
Federal Route Number:	N/A	State Route Number:	N/A

Phase II of a frontage road project in Warren County extending west from Cadley Road/CR 185 for approximately 1.30 miles and ends in a cul-de-sac. The proposed project was originally a frontage road that connected Williams Creek Church Road/CR 21 to Cadley Road/CR 185.

Submitted for approval:

 Kevin Skinner, PE, Pond and Company	06-17-2020 Date
 John R. Graham, Chairman, Warren County, GA	06-17-2020 Date
 State TIA Administrator	07-23-2020 Date
 GDOT TIA Project manager	07-22-2020 Date

Recommendation for approval: * *Recommendations on File/AT*

<i>for</i> * <i>Todd Price/AT</i> District Engineer	<i>06/04/2020</i> Date
* <i>Eric Duff/AT</i> State Environmental Administrator	<i>05/14/2020</i> Date
<i>for</i> * <i>Chris Raymond/AT</i> State Traffic Engineer	<i>05/27/2020</i> Date

- ☐ MPO Area: This project is consistent with the MPO adopted Regional Transportation Plan (RTP)/Long Range Transportation Plan (LRTP).
- ☒ Rural Area: This project is consistent with the goals outlined in the Statewide Transportation Plan (SWTP) and/or is included in the State Transportation Improvement Program (STIP).

<i>Asst</i> * <i>Radney Simpson/AT</i> State Transportation Planning Administrator	<i>05/18/2020</i> Date
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PLANNING, APPROVED CONCEPT, AND BACKGROUND

Prepared By: Pond and Company **Date:** 9/25/2019

Project Justification Statement: This document and Project Justification Statement (PJS) is prepared for GDOT Office by Pond & Company for approval by GDOT.

PI No. 0008680 is Phase II of a Band 3 TIA project, which requires letting by December 31, 2022. This project was previously Phase II of PI No. 0007534 from Ridge Road to SR 80. Due to funding issues, PI No. 0007534 was abandoned, and the projects were included in the TIA program. After passage of the TIA program in the CSRA, two new PI numbers were created, including PI No. 0008680 (Phase II). Due to the expansion of the APAC Mid-South Quarry, connection to SR 80/Washington Road is not feasible; this new alignment is proposed west of Cadley Road.

This project proposes a new access road to be constructed along the south side of I-20 in Warren County, to encourage future industrial economic development. With little commercial and industrial development occurring in Warren County along I-20, this frontage road is anticipated to attract needed development that has traditionally located to other counties along I-20. Warren County has identified the access road as vital to providing access to the large tracts of undeveloped land that will attract commercial and industrial development.

The Georgia Department of Transportation (GDOT), in coordination with the Federal Highway Administration (FHWA), proposes to construct a new location access road, approximately 0.5 mile south of Interstate 20 (I-20) in Warren County. The proposed project would begin at a proposed cul-de-sac located approximately 0.6 miles east of Williams Creek Church Road and extend for approximately 1.3 miles to CR 185/Cadley Road. The proposed access road would consist of two 12-foot lanes with 10-foot rural shoulders (including 2 feet paved) within proposed right-of-way ranging from 120-230 feet in width. No off-site detours would be anticipated during project construction.

The State Transportation Improvement Program (STIP) project number is RC 07-000159. The proposed opening year (base year) is 2024, and the proposed design year (planning horizon) is 2044.

Other revisions to the proposed project include a change in road classification from a Rural Major Collector to a Rural Local Road, and the design speed will change from 55 mph to 45 mph.

Environmental concerns include requiring EA documentation and Corps permitting. There will be two crossings over streams stemming from Williams Creek north of I-20. There are existing wetlands that will require crossing per the U.S Fish & Wildlife website under the National Wetlands Inventory.

Existing conditions: N/A, New Alignment

Description of the approved concept: The currently approved project was located south of I-20 with the western terminus tying into Williams Creek Church Road/CR 21. Williams Creek Church Road is currently an unpaved roadway with future County plans for paving. The eastern terminus is just west of Cadley Road/CR 185 at the previously completed intersection that the Phase I project (PI No. 0010844) also ties into. The new location roadway is approximately 2.20 miles long.

Federal Oversight: ☐ PoDI ☒ Exempt ☐ State Funded ☐ Other

(Approved Concept Report) Projected Traffic:

24 HR T: 7.5 % Open Year (2024): MM Design Year (2044): 2100

Updated Traffic:

24 HR T: 7.5 % Open Year (2024): MM Design Year (2044): 2200

Updated Traffic Projections Performed by: Pond and Company **Date:** 02/13/2020

AASHTO Functional Classification (Mainline): Rural Local Road

AASHTO Context Classification (Mainline): Rural

AASHTO Project Type (Mainline): New Construction

VE Study anticipated: ☒ No ☐ Yes ☐ Completed *Date*

PROPOSED REVISIONS

Approved Features:	Proposed Features:
<ul style="list-style-type: none">Project Termini – The western terminus of the proposed project was at Williams Creek Church Road/CR 21 just south of I-20, the eastern terminus is just west of Cadley Rd/CR 185 at the previously completed intersection from the Phase 1 project (PI No. 0010844).Roadway Classification - Rural Major CollectorDesign Speed - 55 mph	<ul style="list-style-type: none">Project Termini – The western terminus is now a cul-de-sac located approximately 1.0 mile east of Williams Creek Church Road/CR 21 and Cadley Road/CR 185 just south of I-20, and the eastern terminus is just west of Cadley Rd/CR 185 at the previously completed intersection from the Phase 1 project (PI No. 0010844). The revised termini will shorten the proposed project length approximately 1-mile.Roadway Classification – Rural Local RoadDesign Speed – 45 mph
Reason(s) for change: Due to project budget, environmental impacts, and impacts of required ROW, the project is being revised to end with a cul-de-sac.	

Design Exceptions and/or Variances needed: None anticipated.

ENVIRONMENTAL AND PERMITS

Potential environmental impacts of proposed revision: Proposed revisions would cause a reduction in environmental impacts. The revision would result in eliminating one stream crossing and would avoid impacts to two wetlands.

Have proposed revisions been reviewed by environmental staff? ☐ No ☒ Yes

Environmental responsibilities (Studies/Documents/Permits): AECOM (consultant) in coordination with GDOT Office of Environmental Services (OES). AECOM will be responsible to obtain the permits. GDOT OES is conducting the aquatic survey and report.

Air Quality:

Is the project located in an Ozone Non-attainment area? ☒ No ☐ Yes
Is a Carbon Monoxide hotspot analysis required? ☒ No ☐ Yes

Water Quality & MS4: N/A

Environmental Comments and Information: Proposed revisions will cause a reduction in environmental impacts. The number of stream crossings has decreased from 3 to 2, and the numbers of wetlands impacted has decreased from 4 to 2. No adverse effects are anticipated for the environmental/project schedule.

NEPA/GEPA: The environmental document is expected to remain an EA; however, coordination is ongoing about the potential for the project to be considered as a CE level NEPA document.

Ecology: Impacts to streams and wetlands would be reduced. The revised concept would avoid impacts to one stream and two wetlands that would have been impacted had the previous concept design been constructed.

Additional stream surveys for aquatic species would be completed by GDOT OES, however this was not due to the change in alignment, but to updated requirements by agencies since the ERSR was approved.

Archeology: There are no cemeteries or archeological resources identified on the GA Site Files present within the project corridor. An archeological survey was recently conducted resulting in the identification of no new sites. An Archeological Short Report for Negative Findings document the survey findings has been submitted to GDOT OES and is currently under review.

History: The revised concept design would not result in additional resource impacts. A historic resource survey has been conducted to document resources and no historic properties eligible for the National Register of Historic Places are found within the Area of Potential Effect (APE).

Air Quality: There are no additional affects; the project is not in a non-attainment area.

Noise Effects: The revised concept design would be anticipated to reduce potential noise effects as compared to the previous concept design due to the reduced project length and lower operating speeds proposed in the revised concept, and reduction in noise receivers as compared to the previous alternative that extended to Williams Creek Church Road.

Public Involvement: As anticipated with the previous concept, a Public Information Open House is being conducted in June 2020. The change from and in-person meeting to a virtual meeting is due to COVID-19.

PROJECT COST AND ADDITIONAL INFORMATION

	PE Activities		ROW	Reimbursable Utilities	CST*	Total Cost
	PE Funding	Section 404 Mitigation				
Date of Estimate:		02.12.2020	02.21.2020	06.09.2020	12.03.2019	
Funded By:	TIA		Local	Local	TIA/Federal	
Programmed Cost:	\$1,195,535.85		\$984,000.00	N/A	\$9,334,464.15	\$11,804,000.00
Estimated Cost:	\$1,195,535.85	\$800,877.00	\$264,000.00	\$290,000.00	\$4,489,390.70	\$7,039,803.55
Total Cost Difference:						\$4,764,196.45

*CST Cost includes: Construction, Engineering and Inspection, Contingencies and Liquid AC Cost Adjustment.

- See GDOT Worksheet
 - E&I (5%)
 - Contingencies (15%)
 - Liquid AC Cost Adjustment (\$272,329.25)

Recommendation: Recommend that the proposed revision to the concept be approved for implementation.

Comments: The revisions to the roadway classification and speed design will allow the project to reduce environmental impacts and overall costs.

Attachments:

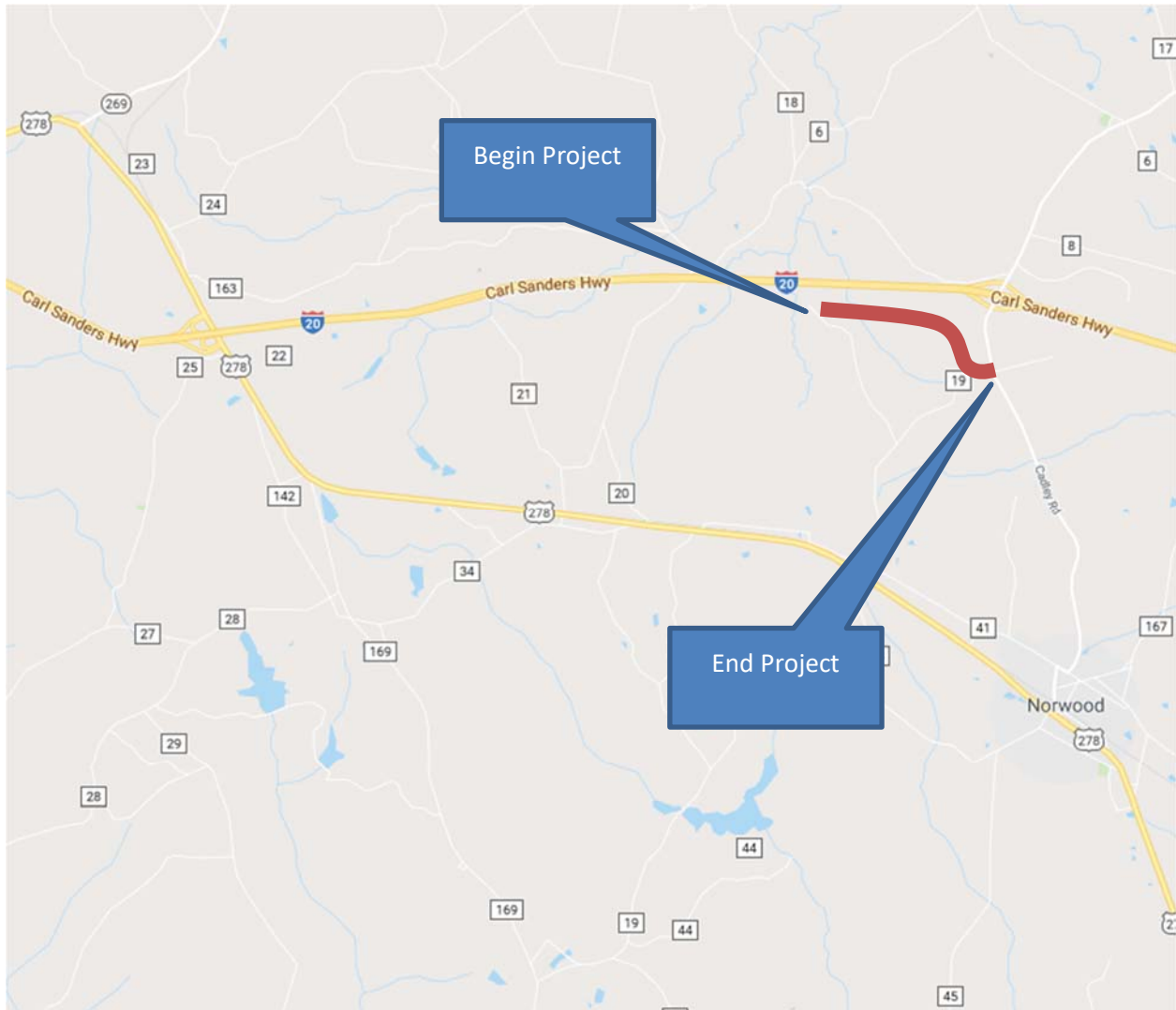
1. Sketch map
2. Revised Alignment Layout
3. Typical Section

4. Cost Estimate(s)
 - a. Construction Cost Estimate
 - b. ROW Cost Estimate
 - c. Utility Cost Estimate
 - d. Environmental Mitigation Cost Estimate
 - e. Revisions to Programmed Cost
5. NELT Approval Letter
6. Meeting Minutes

APPROVALS

Concur:  _____ 8/12/2020
Director of Engineering Date

Approve: _____ 8/14/2020
Chief Engineer Date



Warren County Access Road, Phase II

Warren County, GA

PI No. 008680



SHEET1

SCALE IN FEET



LEGEND

- | | |
|------------------------------------|---------------------------------|
| --- EXISTING R/W - PROPERTY LINE | GRASSING |
| --- ENVIRONMENTALLY SENSITIVE AREA | DRIVEWAY CONSTRUCTION |
| --- PROPOSED PAVEMENT | --- CONSTRUCTION LIMITS |
| --- REQUIRED RIGHT OF WAY | --- RIP RAP |
| --- PHASE 1 PROPOSED PAVEMENT | --- CONCEPT EXTENSION (REMOVED) |
| --- GUARDRAIL | |
| --- PERMANENT EASEMENT | |
| --- DRIVEWAY EASEMENT | |

- 1 - POLLARD LUMBER CO. INC.
- 2 - GEOCA, SHIRLEY W.
- 3 - BEDDINGFIELD, ELWYN G.
- 4 - EMMONS, NEAL L & RUTH L.
- 5 - POLLARD LUMBER CO. INC.
- 6 - JUDSON, EARL L, JR.
- 7 - JUDSON, EARL L, JR.



I-20 ACCESS RD

BEGIN PROJECT
PI No. 0008680
I-20 ACCESS
ROAD, PHASE 2

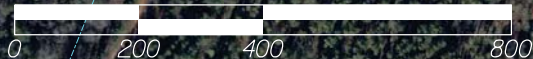
LEGEND

- EXISTING R/W - PROPERTY LINE
- ENVIRONMENTALLY SENSITIVE AREA
- PROPOSED PAVEMENT
- REQUIRED RIGHT OF WAY
- PHASE 1 PROPOSED PAVEMENT
- GUARDRAIL
- PERMANENT EASEMENT
- DRIVEWAY EASEMENT

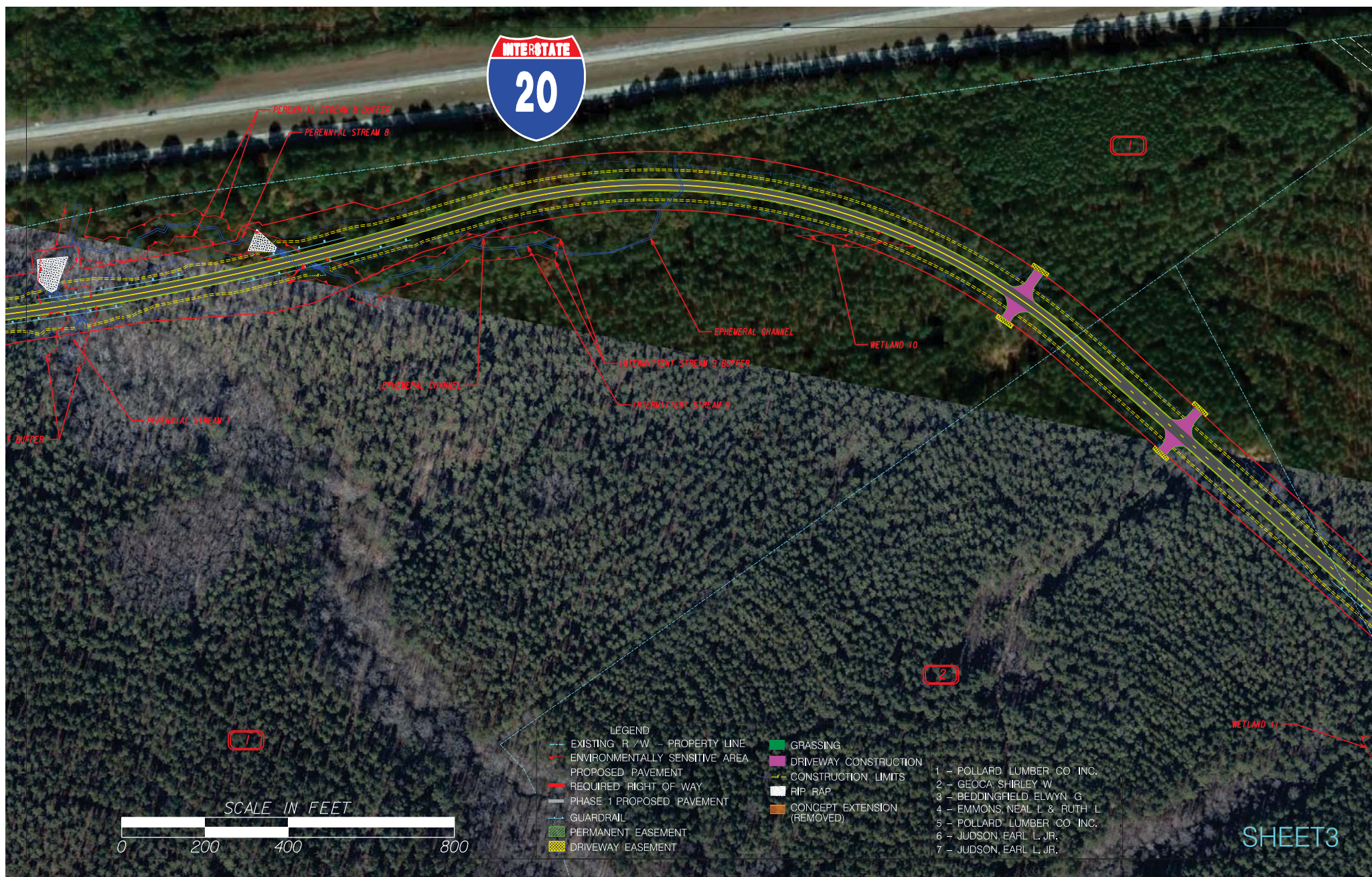
- GRASSING
- DRIVEWAY CONSTRUCTION
- CONSTRUCTION LIMITS
- 61P RAP
- CONCEPT EXTENSION (REMOVED)

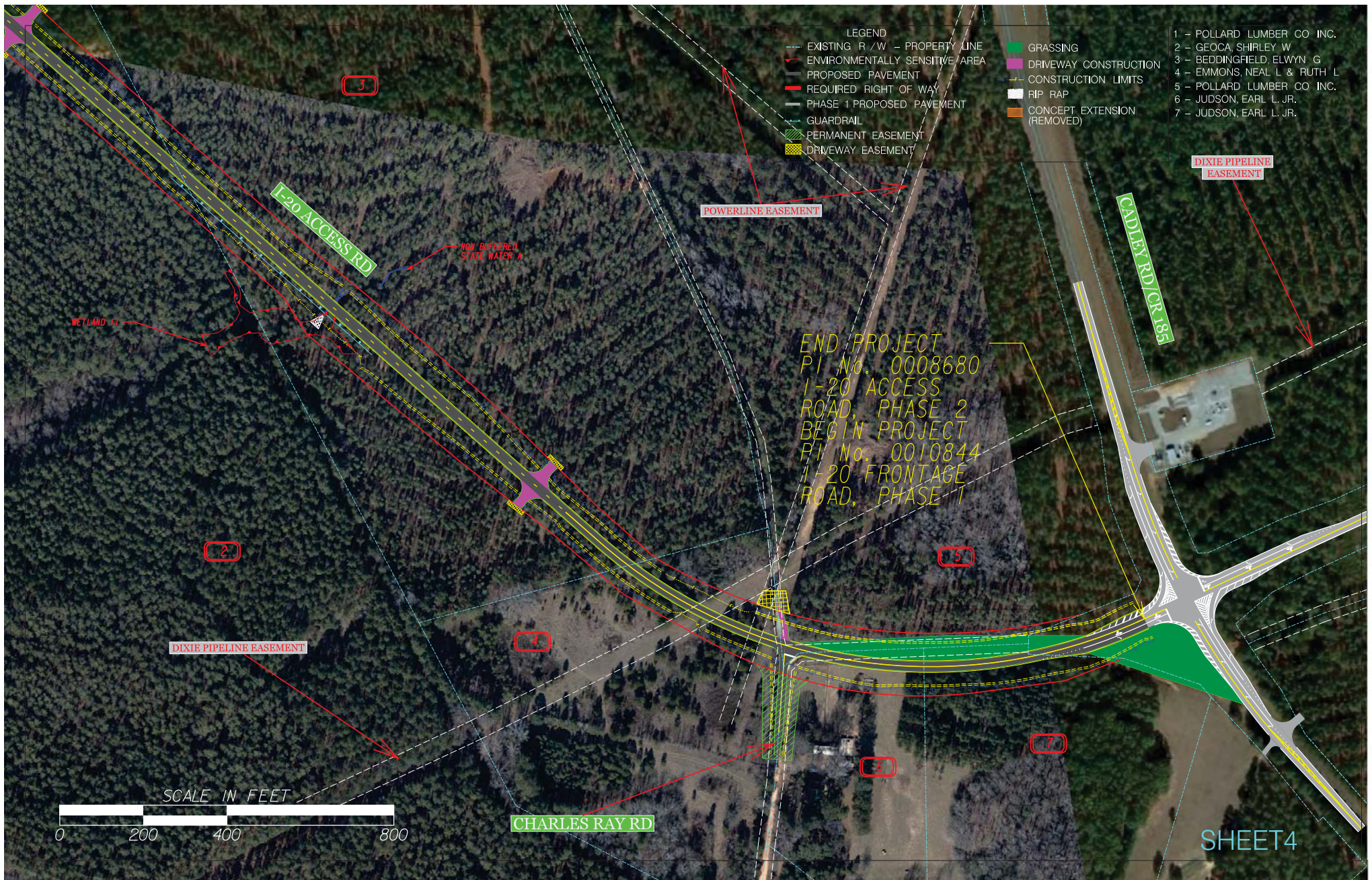
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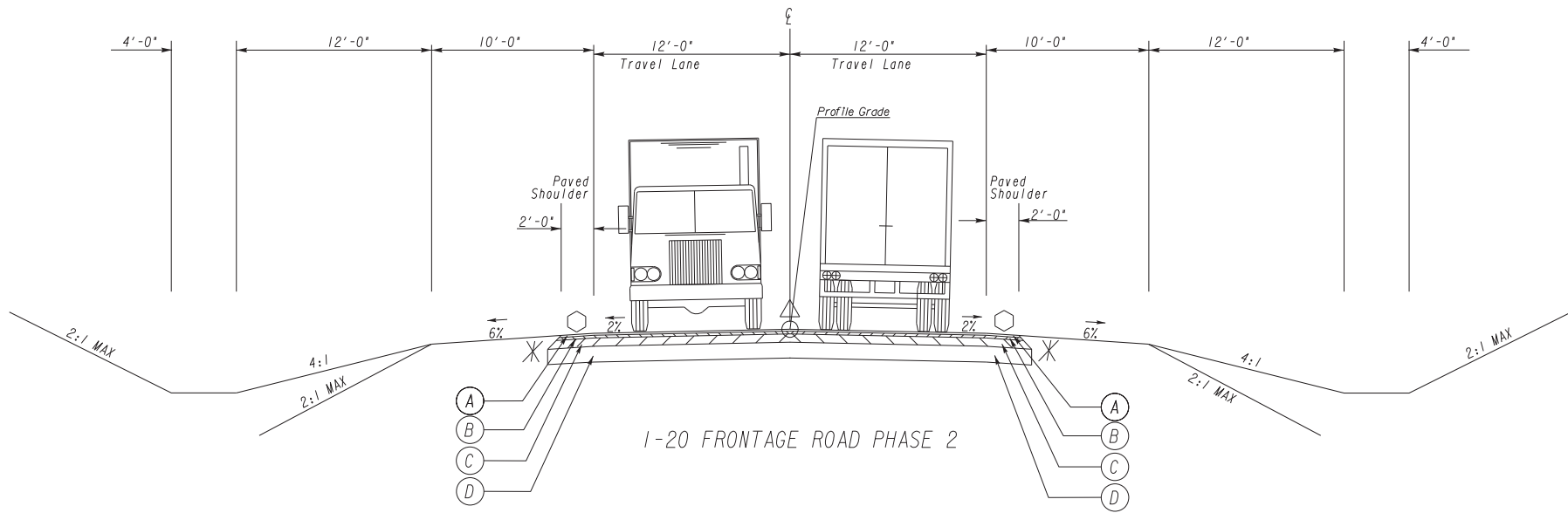
SCALE IN FEET



SHEET2







- (A) - RECYCLED ASPH CONC 9.5 mm SUPERPAVE, TYPE 11, BLEND 1, INCL BITUM MATL & H LIME - 135 LBS/SY
- (B) - RECYCLED ASPH CONC 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME - 220 LBS/SY
- (C) - RECYCLED ASPH CONC 25 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME - 330 LBS/SY
- (D) - GR AGGR BASE CRS, INCL MATL - 10 INCH DEPTH

X- SEE GDOT CONSTRUCTION DETAIL P-7
△- CENTERLINE RUMBLE STRIPS
SEE GDOT CONSTRUCTION DETAIL T-24
○- EDGE LINE RUMBLE STRIPS
SEE GDOT CONSTRUCTION DETAIL T-23A & T-25



NTS

REVISION DATES

TYPICAL SECTIONS

I-20 FRONTAGE RD PHASE 2

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	05-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

STATE HIGHWAY AGENCY

DATE : 12/3/2019

PAGE : 1

JOB DETAIL ESTIMATE

JOB NUMBER : 0008680

DESCRIPTION: WARREN COUNTY PHASE 2

ITEMS FOR JOB 0008680

LINE	ITEM	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
5	150-1000	LS	TRAFFIC CONTROL - 0008680	1.00	\$100,000.00	\$100,000.00
15	210-0100	LS	GRADING COMPLETE - 0008680	1.00	\$1,500,000.00	\$1,500,000.00
20	153-1300	EA	FIELD ENGINEERS OFFICE TP 3	1.00	\$86,772.91	\$86,772.92
25	310-1101	TN	GR AGGR BASE CRS, INCL MATL	12,091.00	\$31.86	\$385,338.84
30	402-3102	TN	REC AC 9.5 MM SP,TPII, BL 1 INCL BM & HL	1,408.00	\$105.95	\$149,182.95
35	402-3190	TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	2,284.00	\$89.97	\$205,493.26
40	402-3121	TN	RECYL AC 25MM SP,GP1/2,BM&HL	3,413.00	\$86.24	\$294,355.35
50	413-0750	GL	TACK COAT	2,069.00	\$3.05	\$6,328.78
55	432-0205	SY	MILL ASPH CONC PVM/ 1.25 DEP	156.00	\$7.17	\$1,118.52
60	634-1200	EA	RIGHT OF WAY MARKERS	55.00	\$123.94	\$6,816.97
65	446-1100	LF	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	593.00	\$8.81	\$5,229.53
70	641-1200	LF	GUARDRAIL, TP W	3,736.00	\$19.38	\$72,406.22
75	641-5001	EA	GUARDRAIL ANCHORAGE, TP 1	8.00	\$1,533.86	\$12,270.94
80	641-5015	EACH	GUARDRL ANCHOR, TP 12A, 31 IN, TANG,E/A	6.00	\$3,140.93	\$18,845.62
85	603-2182	SY	STN DUMPED RIP RAP, TP 3, 24	450.00	\$54.23	\$24,403.96
90	603-2036	SY	STN DUMPED RIP RAP, TP 1, 36	435.00	\$78.70	\$34,237.76
95	603-7000	SY	PLASTIC FILTER FABRIC	884.00	\$4.14	\$3,664.24
99	456-2020	GLM	INDENT, EDG LN RUMB STRP	2.50	\$673.37	\$1,683.44
100	456-2025	GLM	INDNT, CNTR LN RUM STRP -GND-IN-PL(CON)	1.23	\$782.38	\$962.34
105	653-2501	LM	THERMO SOLID TRAF ST, 5 IN, WH	2.50	\$2,048.52	\$5,121.32
110	653-2502	LM	THERMO SOLID TRAF ST, 5 IN YE	1.23	\$2,111.73	\$2,597.44
115	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI	300.00	\$0.37	\$112.05
120	653-1704	LF	THERM SOLID TRAF STRIPE,24,WH	72.00	\$8.02	\$577.56
125	653-3502	GLF	THERMO SKIP TRAF ST, 5 IN, YEL	5,672.00	\$0.30	\$1,727.97
130	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	5.00	\$96.18	\$480.90
135	653-0130	EA	THERM PVMT MARK, ARROW, TP 3	5.00	\$152.39	\$762.00
140	653-0210	EA	THERM PVMT MARK, WORD , TP 1	5.00	\$149.56	\$747.84
145	654-1001	EA	RAISED PVMT MARKERS TP 1	310.00	\$4.32	\$1,341.17
150	654-1003	EA	RAISED PVMT MARKERS TP 3	15.00	\$4.92	\$73.85
155	653-6006	SY	THERM TRAF STRIPING, YELLOW	100.00	\$4.71	\$471.54
160	636-1033	SF	HWY SIGNS, TP1MAT,REFL SH TP 9	48.00	\$16.81	\$807.17
165	636-1036	SF	HWY SGN,TP1MAT,REFL SH TP 11	90.00	\$20.21	\$1,819.49
170	636-2070	LF	GALV STEEL POSTS, TP 7	160.00	\$9.36	\$1,498.46
175	163-0232	AC	TEMPORARY GRASSING	7.00	\$26.05	\$182.38
180	163-0240	TN	MULCH	150.00	\$191.05	\$28,658.66
185	643-8200	LF	BARRIER FENCE (ORANGE), 4 FT	2,575.00	\$2.46	\$6,336.87
190	163-0300	EA	CONSTRUCTION EXIT	2.00	\$1,651.24	\$3,302.49
195	163-0527	EA	CNST/REM RIP RAP CKDM,STN P RIPRAP/SN BG	145.00	\$552.13	\$80,059.49
200	165-0010	LF	MAINT OF TEMP SILT FENCE, TP A	727.00	\$0.44	\$323.80
205	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	902.00	\$1.16	\$1,050.11
210	165-0041	LF	MAINT OF CHECK DAMS - ALL TYPES	1,202.00	\$1.20	\$1,450.55
215	165-0101	EA	MAINT OF CONST EXIT	2.00	\$517.53	\$1,035.08
220	171-0010	LF	TEMPORARY SILT FENCE, TYPE A	815.00	\$3.77	\$3,080.45
225	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	1,011.00	\$4.40	\$4,455.60
230	700-6910	AC	PERMANENT GRASSING	13.00	\$488.33	\$6,348.33

235	700-7000	TN	AGRICULTURAL LIME	26.00	\$6.23	\$162.20
240	700-8000	TN	FERTILIZER MIXED GRADE	4.00	\$711.49	\$2,845.98
245	700-8100	LB	FERTILIZER NITROGEN CONTENT	644.00	\$2.68	\$1,731.29
250	711-0100	SY	TURF REINFORCING MATTING, TP 1	5,007.00	\$4.61	\$23,089.08
255	716-2000	SY	EROSION CONTROL MATS, SLOPES	15,759.00	\$1.22	\$19,337.40
260	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	6.00	\$326.82	\$1,960.94
265	167-1500	MO	WATER QUALITY INSPECTIONS	18.00	\$1,081.66	\$19,470.04
270	500-3002	CY	CL AA CONCRETE	182.00	\$798.96	\$145,411.94
275	500-3800	CY	CL A CONC, INCL REINF STEEL	110.00	\$1,332.59	\$146,585.33
280	511-1000	LB	BAR REINF STEEL	27,956.00	\$1.16	\$32,562.59
285	207-0203	CY	FOUND BKFILL MATL, TP II	203.00	\$66.22	\$13,443.16
290	550-1600	LF	STM DR PIPE 60,H 1-10	720.00	\$199.00	\$143,280.00
295	550-2180	LF	SIDE DR PIPE 18,H 1-10	382.00	\$35.83	\$13,690.68
300	550-3418	EA	SAFETY END SECTION 18,SD,4:1	22.00	\$607.99	\$13,375.85

ITEM TOTAL	\$3,640,480.68
INFLATED ITEM TOTAL	\$3,640,480.69

TOTALS FOR JOB 0008680

ESTIMATED COST:	\$3,640,480.69
CONTINGENCY PERCENT (0.0):	\$0.00
ESTIMATED TOTAL:	\$3,640,480.69

GEORGIA DEPARTMENT OF TRANSPORTATION
PRELIMINARY ROW COST ESTIMATE SUMMARY

Date: 2/15/2019 Project: N/A
Revised: 2/21/2020 County: WARREN
PI: 8680

Description: I-20 Frontage Road Phase 2
Project Termini: New Location Roadway

Existing ROW: Varies
Required ROW: Varies
Parcels: 7

Land and Improvements \$72,877.50

Proximity Damage \$0.00

Consequential Damage \$0.00

Cost to Cures \$0.00

Trade Fixtures \$0.00

Improvements \$0.00

Valuation Services \$26,250.00

Legal Services \$79,725.00

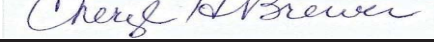
Relocation \$21,000.00

Demolition \$0.00

Administrative \$64,000.00

TOTAL ESTIMATED COSTS \$263,852.50

TOTAL ESTIMATED COSTS (ROUNDED) \$264,000.00

Prepared By: Cheryl H. Brewer  2/21/2020
Print Name Signature Date

Cost Estimation Supervisor :
Print Name Signature Date

NOTE: Supervisor is only attesting that the estimate was completed using the correct information provided for the the project. The Supervisor is not attesting to property values or the accuracy of the market value estimations provided in this report. No Market Appreciation is included in this Preliminary Cost Estimate.

Comments:



Interoffice Memo

FILE

Project No: CSMSL-0008-00(680)
County: Warren
P.I.#: 0008680

Office: District 2 - Tennille
Date: June 9, 2020

Description: *I-20 Frontage Road from Williams Creek Church Road to Cadley Road - Phase II - TIA*
JLL/tlp

FROM James L. Lindsey, District Utilities Manager

TO Eric Wilkinson, Project Manager

SUBJECT UPDATED UTILITY COST ESTIMATE

A review of utilities located on the above referenced project has been conducted based on the latest available plans. Listed below is a breakdown of the anticipated reimbursable and non-reimbursable cost.

<u>Utility Owner</u>		<u>Reimbursable</u>	<u>Non-Reimbursable</u>	<u>Estimate Based on</u>
Jefferson Energy Cooperative		\$22,000.00	\$0.00	Site Visit / Available Drawings
Dixie Pipeline Company		\$250,000.00	\$0.00	Site Visit / Available Drawings
AT&T		\$18,000.00	\$4,500.00	Site Visit / Available Drawings
Total	100.00%	\$290,000.00	\$4,500.00	
Department Responsibility	100.00%	\$290,000.00	\$0.00	
Owner's Responsibility	100.00%	\$0.00	\$4,500.00	
Local Sponsor Responsibility	0.00%	\$0.00	\$0.00	PFA Dated N/A with N/A

Estimate is based on the best available information at the current stage, unforeseen prior rights information may be provided by the Utility Company at a later date that could cause some non-reimbursable costs to shift to the reimbursable cost column.

If additional information is needed, please contact Tonia Parker at (478) 553-3386 or toparker@dot.ga.gov.

cc:

Patrick Allen, PE, State Utilities Administrator
Marcela Coll, State Utilities Preconstruction Manager
Daniel Sabia, III, PE, Project Manager (Pond Company)
Todd Price, PE, District Preconstruction Manager
William Baxter, Assistant Area Manager
File

Date: 02/12/2020

Warren County Frontage Road Phase II

404 Mitigation Cost Estimate

	Streams		Wetlands
	178		2232
	333		2824
	50		2224
	176		101
	180		540
	222		
	440		
Total	1579		7921
		Acres	0.181841

Sum of Factors (assumes generally worst case)	4.5	Sum of r factors	7
Total Mitigation Credits	7105.5		1.272888

Cost per credit based on Phase 1	\$90.00	\$40,000.00
Mitigation Cost	\$639,495.00	\$50,916.00

Total \$690,411.00
Contingency 16%

Total \$800,877

Interoffice Memo

FILE

PI NUMBER	0008680	PROJECT DESCRIPTION	I-20 Frontage Road from William's Creek Church Road to Cadley Road/CR 185
OFFICE	TIA		
DATE	Tuesday, June 9, 2020		
From:	Daniel Sabia, PE		

To: Erik Rohde, P.E., State Project Review Engineer
via email Mailbox: CostEstimatesandUpdates@dot.ga.gov

Subject: REVISIONS TO PROGRAMMED COSTS

Project Manager:	Eric Wilkinson
Management Let Date:	9/15/2022
Management Right of Way Date:	9/14/2021

Cost Estimate Review Iteration

Date of Submittal #1	08.28.2019
Date of Submittal #2	
Date of Submittal #3	

Summary of Programmed Costs and Proposed Revised Costs:

Estimate Type	Cost Estimate Amounts (T-Pro Without Inflation)	Last Estimate Date	Revised Cost Estimate
CONSTRUCTION	\$9,334,464.15	01/06/2019	\$4,489,390.70
RIGHT OF WAY	\$984,000.00	01/06/2019	\$264,000.00
UTILITIES	N/A	N/A	\$290,000.00

Explanation for Cost Change and Contingency Justification:

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Attachments:

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Interoffice Memo

Design Phase Leader Validation of Final QC/QA for Construction Cost Estimate Used In This Revision to Programmed Costs:

Consultant Company or GDOT Design Office:	Pond and Company
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Printed Name:	Daniel Sabia
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Title:	Project Manager
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Signature:	
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Date:	6/9/2020
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FOR PROJECTS WITH A LOCAL SPONSOR	
If the project has a local sponsor, the project manager should ensure that the local authority completes the following validation indicating that it has reviewed the construction cost estimate and whether it is in concurrence with the construction costs presented.	
Please select the appropriate validation below upon review of the cost estimate:	
<input type="checkbox"/> I acknowledge that I have reviewed the project construction cost estimate and <u>concur</u> with the costs presented.	
<input type="checkbox"/> I acknowledge that I have reviewed the project construction cost estimate but <u>do not concur</u> with the costs presented.	
Please provide an explanation for non-concurrence.	Pending
Local Authority Name and Title:	Pending
Local Authority Signature:	Pending
Date:	Pending

[illegible]



U.S. Department
of Transportation
**Federal Highway
Administration**

Georgia Division

March 26, 2020

61 Forsyth Street, SW
Suite 17T100
Atlanta, Georgia 30303
Phone: 404-562-3630
Fax: 404-562-3703
www.fhwa.dot.gov/gadiv

In Reply Refer To:
HPD-GA

Russell R. McMurry, P.E.
Commissioner
Georgia Department of Transportation
600 West Peachtree Street, N.W.
Atlanta, GA 30308

Dear Commissioner McMurry:

We have reviewed the Project Need, Effectiveness, and Logical Termini Justification Form (NELT) for PI 0008680. This project would construct an approximately 1.3-mile long new location roadway from approximately 0.6 miles east of Williams Creek Church Road to CR 185/Cadley Road in Warren County, GA. We received your original request to review this document on 2/27/2020, and received revised slip pages addressing our comments on 3/25/2020.

Based on the information that has been provided, we concur that GDOT has identified a valid Purpose and Need and that the proposed termini represent rational endpoints for the proposed transportation improvement. Please keep in mind that the review of environmental impacts included in the NEPA document will likely require the review of a broader geographic area than the strict limits of the transportation improvement. Additionally, our concurrence with the NELT is based on the most current information provided by GDOT; if new information is discovered or the scope of the proposed action is changed, then this NELT may need to be reassessed.

If you have any questions or require additional information, please feel free to contact Mr. Aaron Hernandez at 404-562-3584.

Sincerely,

AARON JOSEPH
HERNANDEZ

Moises Marrero
Division Administrator

 Digitally signed by AARON
JOSEPH HERNANDEZ
Date: 2020.03.26 14:25:01 -04'00'



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MEETING MINUTES

Project:	0008680, Warren County I-20 Access Road					
Pond Project No:	1170657					
Meeting:	Local/County Coordination					
Meeting Location:	Warren County Court House		Meeting Date:	06.16.2020		
Minutes Prepared By:	Daniel Sabia		Copies:	to file		
Prepared On:	06.17.2020		Attendees			

ATTENDEES:

Name	Company/Dept/Branch	Phone	Email
John R. Graham	Chairman, Warren County Board of Commissioners	706.465.2171	john@warrencountyga.gov
Eric Wilkinson	GDOT TIA	478.538.8522	Ewilkinson@dot.ga.gov
Daniel Sabia	POND	404.748.4809	sabiad@pondco.com
Sean Shepherd	POND	762.444.6161	shepherds@pond.com

PURPOSE OF MEETING:

Daniel described the new alignment, including the reduction of the roadway length to end at a cul-de-sac approximately 1.0 mile east of Williams Creek Church Road. He also explained that the speed limit was reduced which will allow for reduced impacts to environmental resources by reducing the horizontal and vertical geometric requirements. This will allow us to move forward with the project and stay within the project budget.

John agreed that this was the best strategy to open the area up for development while staying within the current budget constraints. John will continue to reach out to additional sources for more funding.

END OF MEETING MINTUES

ADDITIONAL COMMENTS:

None.